**Form PTO-1449 Modified**

List of Patent and Publications  
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U.S. Department of Commerce  
Patent and Trademark Office

Docket No.  
**UNGR-1520**

Serial No.  
**09/218,660**

Applicant  
**Evan C. Unger, DeKang Shen  
and Guanli Wu**

Filing Date  
**December 22, 1998**

Group  
**1616**

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

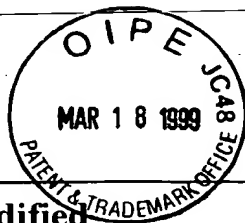
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\*A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.

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3	AG	5,498,601	03/12/96	Sato et al.	514	17

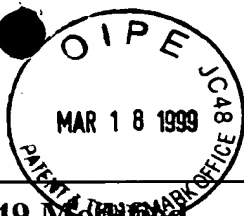
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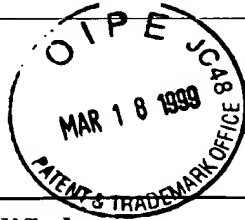
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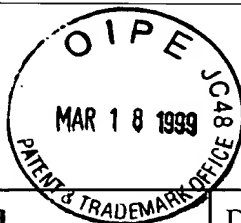
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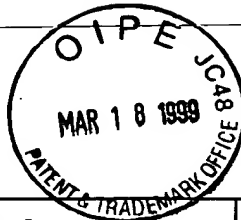
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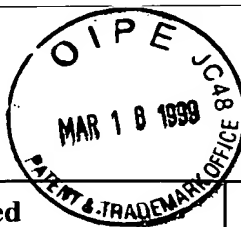


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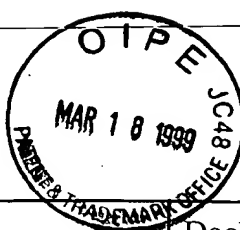


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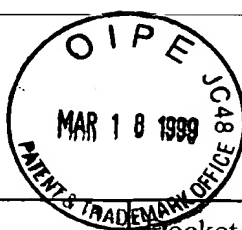
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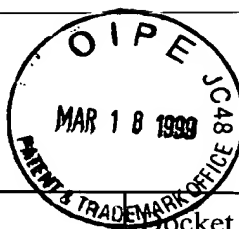
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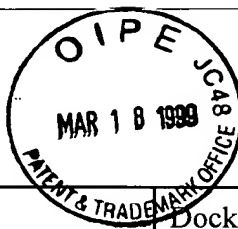
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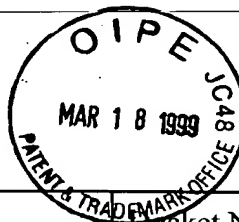


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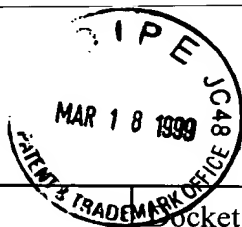
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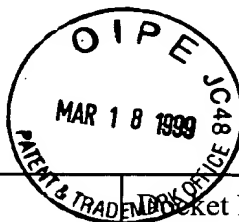
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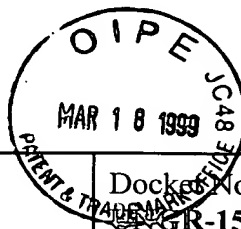
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Applicant  
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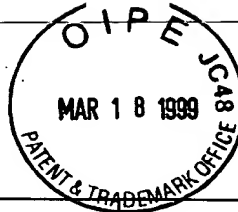
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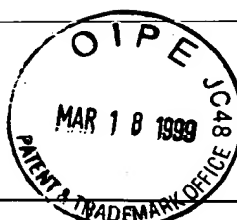
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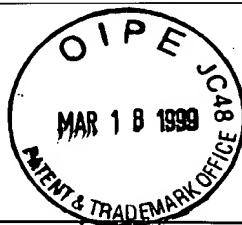
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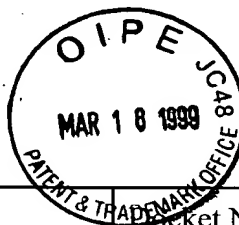
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7	GY	4,544,545	10/01/85	Ryan et al.	424	1.1
	GZ	4,331,654	05/25/82	Morris	424	38
	HA	3,532,500	10/06/70	Priest et al.	96	91
	HB	4,310,506	01/12/82	Baldeschwieler et al.	424	1
	HC	4,310,505	01/12/82	Baldeschwieler et al.	424	1
	HD	4,586,512	05/06/86	Do-huu et al.	128	660
	HE	4,620,546	11/04/86	Aida et al.	128	660
	HF	4,658,828	04/21/87	Dory	128	660
	HG	4,865,836	09/12/89	Long, Jr.	424	5
	HH	4,646,756	03/03/87	Watmough et al.	128	804

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7	HI	WO 89/05040	06/01/89	PCT	X	
	HJ	WO 86/00238	01/16/86	PCT	X	
	HK	WO 90/04943	05/17/90	PCT	X	
	HL	WO 80/02365	11/13/80	PCT	X	
	HM	WO 93/05819	01/04/93	PCT	X	

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Applicant

**Evan C. Unger, DeKang Shen,  
and Guanli Wu**

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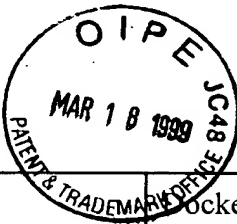
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7	HN	4,893,624	01/16/90	Lele	128	399
	HO	4,689,986	09/01/87	Carson et al.	73	19
	HP	4,657,756	04/14/87	Rasor et al.	424	9
	HQ	4,781,871	11/01/88	West III et al.	274	4.3
	HR	4,957,656	09/18/90	Cerny et al.	252	311
	HS	4,830,858	05/16/89	Payne et al.	424	450
	HT	4,684,479	08/04/87	D'Arrigo	252	307
	HU	5,215,680	06/01/93	D'Arrigo	252	307
	HV	5,171,755	12/15/92	Kaufman	514	759
	HW	4,898,734	02/06/90	Mathiowitz et al.	424	427

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7	HX	WO 93/06869	04/15/93	PCT	X	
	HY	WO 93/20802	10/28/93	PCT	X	
	HZ	SHO 60-60943	03/17/88	Japan	X	
	IA	0 554 213 A1	08/04/93	EPO	X	

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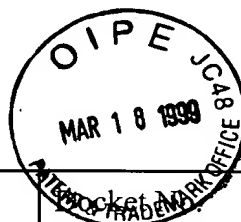
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7	IB	4,776,991	10/11/88	Farmer et al.	274	4.3
	IC	5,088,499	02/18/92	Unger	128	662.2
	ID	5,194,266	03/16/93	Abra et al.	424	450
	IE	5,198,225	03/30/93	Meybeck et al.	424	450
	IF	4,927,623	05/22/90	Long, Jr.	424	5
	IG	4,442,843	04/17/84	Rasor et al.	128	660
	IH	4,681,119	07/21/87	Rasor et al.	128	660
	II	5,049,388	09/17/91	Knight et al.	424	450
	IJ	4,315,514	02/16/82	Drewes et al.	128	653
	IK	4,569,836	02/11/86	Gordon	424	1/1

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7	IL	0 314 764 B1	09/09/92	EPO	X	
	IM	0 458 745 A1	11/27/91	EPO	X	
	IN	0 216 730	01/23/91	EPO	X	
	IO	WO 93/13809	07/22/93	PCT	X	

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7	IP	4,426,330	01/17/84	Sears	270	403
	IQ	4,534,899	08/13/85	Sears	270	403
	IR	5,271,928	12/21/93	Schneider et al.	424	9
	IS	4,229,360	10/21/80	Schneider et al.	270	403
	IT	B1 4,229,360	11/05/91	Schneider et al.	270	403
	IU	4,089,801	05/16/78	Schneider	252	316
	IV	4,224,179	09/23/80	Schneider	252	316
	IW	4,987,154	01/22/91	Long, Jr.	514	772
	IX	5,219,538	06/15/93	Henderson et al.	428	402.2
	IY	5,316,771	05/31/94	Barenholz et al.	424	450

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7	IZ	WO 92/10166	06/25/92	PCT	X	
	JA	0 324 938	01/26/89	EPO	X	
	JB	0 231 091	08/05/87	EPO	X	

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	JC	5,195,520	03/23/93	Schlief et al.	128	660.02
	JD	3,873,564	03/25/75	Schneider et al.	270	309.6
	JE	5,045,304	09/03/91	Schneider et al.	424	9
	JF	4,877,561	10/31/89	Iga et al.	274	4.3
	JG	5,213,804	05/25/93	Martin et al.	424	450
	JH	4,895,719	01/23/90	Radhakrishnan	424	45
	JI	5,008,050	04/16/91	Cullis et al.	274	4.3
	JJ	5,114,703	05/19/92	Wolf et al.	424	5
	JK	5,013,556	05/07/91	Woodle et al.	424	450
	JL	5,000,960	03/19/91	Wallach	424	450

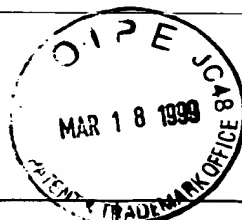
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	JM	WO 92/17212	10/15/92	PCT	X
	JN	WO 92/17213	10/15/92	PCT	X
	JO	WO 92/17436	10/15/92	PCT	X
	JP	WO 92/21382	12/10/92	PCT	X
	JQ	WO 93/17718	09/16/93	PCT	X

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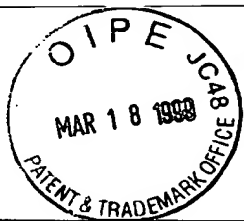
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7	JR	5,310,540	05/10/94	Giddey et al.	424	9
	JS	5,425,366	06/20/95	Reinhardt et al.	128	662.02
	JT	4,775,522	10/04/88	Clark, Jr.	424	9
	JU	4,731,239	03/15/88	Gordon	424	9
	JV	5,350,571	09/27/94	Kaufman et al.	424	9
	JW	4,615,879	10/07/86	Runge et al.	424	9
	JX	5,380,519	01/10/95	Schneider et al.	424	9
	JY	5,393,524	02/28/95	Quay	424	9
	JZ	5,196,183	03/23/93	Yudelso et al.	424	9
	KA	4,996,041	02/27/91	Arai et al.	424	9

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7	KB	WO 94/16739	08/04/94	PCT	X	
	KC	WO 95/07072	03/16/95	PCT	Partial - claims only	
	KD	EP 0 077 752 B1	03/05/86	EP	Partial - claims only	

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7	KE	5,147,631	09/15/92	Glajch et al.	424	9
	KF	5,186,922	02/16/93	Shell et al.	128	654
	KG	4,428,924	01/31/84	Millington	424	4
	KH	5,413,774	05/09/95	Schneider et al.	424	9.51
	KI	5,409,688	04/25/95	Quay	424	9
	KJ	5,410,516	04/25/95	Uhlendorf et al.	367	7
	KK	5,305,757	04/26/94	Unger et al.	128	662.02
	KL	5,334,381	08/02/94	Unger	424	9
	KM	5,123,414	06/23/92	Unger	128	654
	KN	5,433,204	07/18/95	Olson	128	661.08

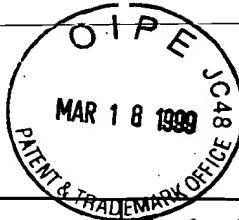
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7	KO	WO 90/04384	05/03/90	PCT	X	
	KP	WO 94/09829	05/11/94	PCT	X	
	KQ	WO 94/21302	09/29/94	PCT	X	
	KR	WO 91/12823	09/05/91	PCT	X	
	KS	0357164 B1	10/23/91	EPO	Partial - claims only	

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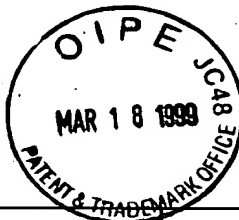
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7	KT	5,445,813	08/29/95	Schneider et al.	424	9.51
	KU	5,141,738	08/25/92	Rasor et al.	424	2
	KV	4,981,692	01/01/91	Popescu et al.	424	422
	KW	5,149,319	09/22/92	Unger	604	22
	KX	5,209,720	05/11/93	Unger	604	22
	KY	5,228,446	07/20/93	Unger et al.	128	662.02
	KZ	5,230,882	07/27/93	Unger	424	9
	LA	5,352,435	10/04/94	Unger	424	9
	LB	5,190,982	03/02/93	Erbel et al.	521	56
	LC	5,205,287	04/27/93	Erbel et al.	128	632

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No Copy CRK 1.90	LD	0 320 433 A2	12/02/88	EPO	X (Abstract Only)	
	LE	0 467 031 A2	01/22/92	EPO	X	
	LF	0 243 947	11/04/87	EPO	X	
3	LG	WO 96/04018	02/15/96	PCT	X	
	LH	WO 96/09793	04/04/96	PCT	X	

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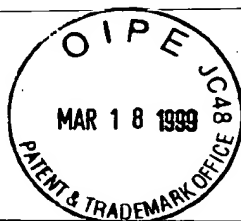
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7	LI	5,137,928	08/11/92	Erbel et al.	521	56
	LJ	5,470,582	11/28/95	Supersaxo et al.	424	489
	LK	5,529,766	06/25/96	Klaveness et al.	424	9.52
	LL	5,487,390	01/30/96	Cohen et al.	128	662.02
	LM	5,531,980	07/02/96	Schneider et al.	424	9.52
	LN	5,536,489	07/16/96	Lohrmann et al.	424	9.52
	LO	5,536,490	07/16/96	Klaveness et al.	424	9.52
	LP	5,315,997	05/31/94	Widder et al.	128	653.3
	LQ	5,469,854	11/28/95	Unger et al.	128	662.02
	LR	5,505,932	04/09/96	Grinstaff et al.	424	9.3

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7	LS	WO 95/06518	03/09/95	PCT	X	
	LT	EP 441,468 A2	08/14/91	EPO	X	
	LU	EP 357,163 A1	03/07/90	EPO	X	
	LV	EP 0 727 225 A2	08/21/96	EPO	X	
	LW	WO 94/06477	03/31/94	PCT	X	

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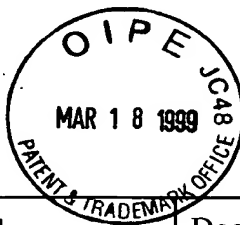
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	LY	5,496,535	03/05/96	Kirkland	424	9.37
	LZ	5,344,930	09/06/94	Riess et al.	544	84
	MA	5,560,364	10/01/96	Porter	128	662.02
	MB	5,562,893	10/08/96	Lohrmann	424	9.52
	MC	5,362,478	11/08/94	Desai et al.	424	9
	MD	5,567,413	10/22/96	Klaveness et al.	424	9.51
	ME	5,567,414	10/22/96	Schneider et al.	424	9.52
	MF	5,567,765	10/22/96	Moore et al.	524	801
	MG	5,552,133	09/03/96	Lambert et al.	424	9.52

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	MH	WO 95/23615	09/08/95	PCT	X	
	MI	62 286534	12/12/87	Japan	X (Abstract Only)	
	MJ	1,044,680	10/05/66	Great Britain	X	
	MK	WO 96/36286	11/21/96	PCT	X	
	ML	WO 92/11873	07/23/92	PCT	X (Abstract Only)	

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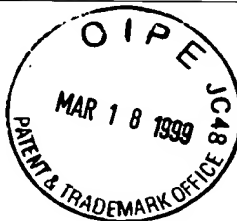
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7	MM	3,015,128	01/02/62	Sommerville et al.	18	2.6
7	MN	3,594,326	07/20/71	Himmel et al.	252	316
	MO	3,732,172	05/08/73	Herbig et al.	252	316
	MP	3,945,956	03/23/76	Garner	270	2.5B
	MQ	4,108,806	08/22/78	Cohrs et al.	521	54
	MR	4,179,546	12/18/79	Garner et al.	521	56
	MS	4,420,442	12/13/83	Sands	274	13
	MT	4,421,562	12/20/83	Sands et al.	106	75
	MU	4,540,629	09/10/85	Sands et al.	428	402
	MV	4,549,892	10/29/85	Baker et al.	65	21.4

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7	MW	WO 90/01952	03/08/90	PCT	X (Abstract Only)	
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	MY	WO 93/00933	01/21/93	PCT	X	
	MZ	WO 94/28780	12/22/94	PCT	X	
	NA	AU 641363	03/08/90	Australia	X	

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7	NB	5,019,370	05/28/91	Jay, et al.	424	4
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	ND	4,822,534	04/18/89	Lencki et al.	274	4.3
	NE	3,293,114	12/20/66	Kenaga et al.	162	168
	NF	3,479,811	11/25/69	Walters	57	153
	NG	3,488,714	01/06/70	Walters et al.	161	161
	NH	3,615,972	10/26/71	Morehouse et al.	156	79
	NI	5,078,994	01/07/92	Nair et al.	424	501
	NJ	4,138,383	02/06/79	Rembaum et al.	270	29.7H
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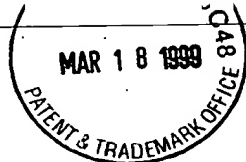
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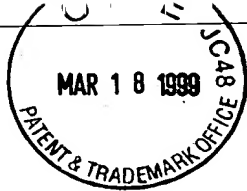
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7	NP	5,281,408	01/25/94	Unger	424	4
	NQ	5,456,900	10/10/95	Unger	424	9.4
	NR	5,527,521	06/18/96	Unger	424	93
	NS	5,547,656	08/20/96	Unger	424	9.4
	NT	5,358,702	10/25/94	Unger	424	9
	NU	4,985,550	01/15/91	Charpiot et al.	536	18.4
	NV	5,498,421	03/12/96	Grinstaff et al.	424	450
	NW	4,993,415	02/19/91	Long	128	653 A
	NX	5,573,751	11/12/96	Quay	424	9.52
	NY	5,606,973	03/04/97	Lambert et al.	128	662.02

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Examiner Initial		Document No.	Date	Country	Translation YES NO	
7	NZ	0 614 656 A1	09/14/94	EPO	X (both French and English language)	
	OA	WO 92/22298	12/23/92	PCT	X	
	OB	WO 94/00110	01/06/94	PCT	X (Abstract Only)	
	OC	WO 94/28873	12/22/94	PCT	X	
	OD	WO 98/00172	01/08/98	PCT	X	

**EXAMINER****DATE CONSIDERED**



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	Applicant <b>Evan C. Unger, DeKang Shen, and Guanli Wu</b>	
	Filing Date <b>December 22, 1998</b>	Group <b>1616</b>

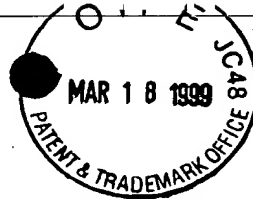
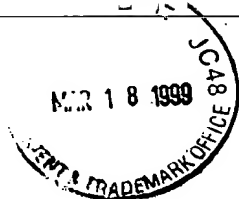
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7	OE	5,558,094	09/24/96	Quay	128	662.02
	OF	5,558,853	09/24/96	Quay	424	9.5
	OG	5,558,854	09/24/96	Quay	424	9.52
	OH	5,558,855	09/24/96	Quay	424	9.5
	OI	5,595,723	01/21/97	Quay	424	9.5
	OJ	5,585,112	12/17/96	Unger et al.	424	450
	OK	5,556,610	09/17/96	Yan et al.	424	9.52
	OL	5,578,292	11/26/96	Schneider et al.	424	9.51
	OM	4,933,121	06/12/90	Law et al.	264	4.3
	ON	5,315,998	05/31/94	Tachibana et al.	128	660.01
	OO	5,620,689	04/15/97	Allen et al.	424	178.1

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Examiner Initial		Document No.	Date	Country	Translation YES NO	
7	OP	2 700 952	08/05/94	France	X (both French and English language)	
	OQ	25 21 003	08/12/76	Germany	X (both French and English language)	
	OR	WO 84/02909	08/02/84	PCT	X	
	OS	WO 92/15284	09/17/92	PCT	X	

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**Evan C. Unger, DeKang Shen,  
and Guanli Wu**Filing Date  
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**1616****U. S. PATENT DOCUMENTS**

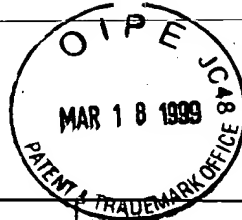
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	OT	5,643,553	07/01/97	Schneider et al.	424	9.52
	OU	5,502,094	03/26/96	Moore et al.	524	145
	OV	4,265,251	05/05/81	Tickner	128	660
	OW	5,354,549	10/11/94	Klayeness et al.	424	3
	OX	5,501,863	03/26/96	Rössling et al.	424	489
	OY	5,542,935	08/06/96	Unger et al.	604	190
	OZ	5,558,092	09/24/96	Unger et al.	128	660.03
	PA	5,605,673	02/25/97	Schutt et al.	424	9.51
	PB	5,626,833	05/06/97	Schutt et al.	424	9.52
	PC	5,639,443	06/17/97	Schutt et al.	424	9.52
	PD	3,650,831	03/21/72	Jungermann et al.	134	27

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	PE	EP 0 052 575	05/26/82	EPO	X	
	PF	WO 92/22249	12/23/92	PCT	X	
	PG	WO 95/24184	09/14/95	PCT	X	
	PH	WO 96/40281	12/19/96	PCT	X	
	PI	WO 95/00126	01/05/95	PCT	X	
	PJ	WO 95/29705	11/09/95	PCT	X	

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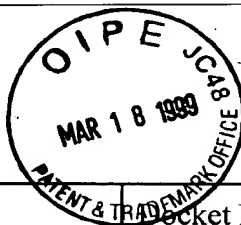
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3	PK	3,968,203	07/06/76	Spitzer et al.	424	47
3	PL	4,027,007	05/31/77	Messina	424	46
3	PM	4,342,826	08/03/82	Cole	435	7
	PN	5,004,611	04/02/91	Leigh	424	450
	PO	5,192,549	03/09/93	Barenolz et al.	424	450
	PP	5,135,000	08/04/92	Akselrod et al.	128	662.02
	PQ	5,672,585	09/30/97	Pierschbacher et al.	514	11
	PR	5,247,935	09/28/93	Cline et al.	128	653.2
	PS	5,558,856	09/24/96	Klaveness et al.	424	9.37
	PT	5,569,449	10/29/96	Klaveness et al.	424	9.51
7	PU	5,614,169	03/25/97	Klaveness et al.	424	9.52

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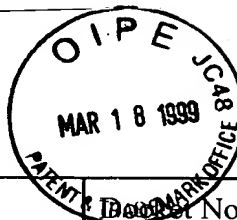
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7	PV	5,676,928	10/14/97	Klaveness et al.	424	9.32
	PW	5,686,060	11/11/97	Schneider et al.	424	9.52
	PX	5,707,606	01/13/98	Quay	424	9.52
	PY	5,707,607	01/13/98	Quay	424	9.52
	PZ	4,984,573	01/15/91	Leunbach	128	653
	QA	4,834,964	05/30/89	Rosen	424	9
	QB	5,593,680	01/14/97	Bara et al.	424	401
	QC	5,686,102	11/11/97	Gross et al.	424	450
	QD	5,362,477	11/08/94	Moore et al.	424	9
	QE	5,485,839	01/23/96	Aida et al.	128	653.1
	QF	5,539,814	07/23/96	Shoji	379	215

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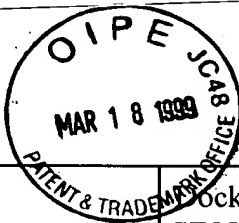
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Examiner Initial		Document No.	Date	Name	Class	Subclass
	QG	5,545,396	08/13/96	Albert et al.	424	93
	QH	5,716,597	02/10/98	Lohrmann et al.	424	9.5
	QI	5,732,707	03/31/98	Widder et al.	128	661.08
	QJ	3,291,843	12/13/66	Fritz et al.	260	614
	QK	3,557,294	01/19/71	Dear et al.	424	342
	QL	4,427,649	01/24/84	Dingle et al.	424	38
	QM	4,663,161	05/05/87	Mannino et al.	424	89
	QN	4,918,065	04/17/90	Stindl et al.	514	179
	QO	5,008,109	04/16/91	Tin	424	422
	QP	5,107,842	04/28/92	Levene et al.	128	662.02
	QQ	5,196,348	03/23/93	Schweighardt et al.	436	173
	QR	5,339,814	08/23/94	Lasker	128	653.4

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	QS	5,552,155	09/03/96	Bailey et al.	424	450
	QT	5,679,459	10/21/97	Riess et al.	428	402.2
	QU	5,711,933	01/27/98	Bichon et al.	424	9.52
	QV	5,733,527	03/31/98	Schutt	424	9.52
	QW	4,693,999	09/15/87	Axelsson et al.	514	174
	QX	5,740,807	04/21/98	Porter	128	662.02
	QY	5,569,448	10/29/96	Wong et al.	424	9.45
	QZ	5,804,162	09/08/98	Kabalnov et al.	424	9.51
	RA	4,919,895	04/24/90	Heldebrant et al.	422	129
	RB	5,840,023	11/24/98	Oraevsky et al.	600	407
	RC	5,855,865	01/05/99	Lambert et al.	424	9.52
	RD	5,612,057	03/18/97	Lanza et al.	424	450
	RE	5,858,399	01/12/99	Lanza et al.	424	450
	RF	5,196,309	03/23/93	Ginsberg	435	7.21
	RG	5,225,531	07/06/93	Gresham et al.	530	329
	RH	5,656,442	08/12/97	Ginsberg	435	7.21
	RI	5,580,575	12/03/96	Unger et al.	424	450
	RJ	3,401,475	09/17/68	Morehouse et al.	40	306
	RK	5,066,789	11/1991	Srinivasan et al.	530	388
	RL	5,395,609	03/1995	Stuttle		
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**1616**

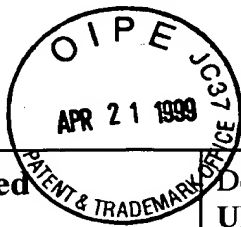
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7	AA	Lejbkowitz et al., "The response of normal and malignant cells to ultrasound in vitro", Database <i>BIOSIS</i> , No. 1993:95122245 (abstract only)
3	AB	Jackson et al., "Effect of ultrasound therapy on the repair of Achilles tendon injuries in rats", <i>Med. Sci. Sports Exercise</i> , 1991, 23(2), 171-176
3	AC	Maxwell, "Therapeutic Ultrasound: Its Effects on the Cellular and Molecular Mechanisms of Inflammation and Repair", <i>Physiotherapy</i> , 1992, 78(6), 421-426
7	AD	Tuncay et al., "Expression of Genes Associated with Tissue Remodeling Upon Ultrasound Perturbation in the Gingival Fibroblast", <i>J. Dental Res.</i> , 1996, 75, 143, (abstract only)
7	AE	Wang et al., "Low Intensity Ultrasound Treatment Increases Strength in a Rat Femoral Fracture Model", <i>J. Orthopaedic Res.</i> , 1994, 12(1), 40-47
7	AF	Yang et al., "Exposure to Low-Intensity Ultrasound Increases Aggrecan Gene Expression in a Rat Femur Fracture Model", <i>J. Orthopaedic Res.</i> , 1996, 14(5), 802-809
7	AG	Young et al., "Effect of therapeutic ultrasound on the healing of full-thickness excised skin lesions", <i>Ultrasonics</i> , 1990, 28(3), 175-180
7	AH	Young et al., "The Effect of Therapeutic Ultrasound on Angiogenesis", <i>Ultrasound Med/Biol.</i> 1990, 16(3), 261-269

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2/12/2000



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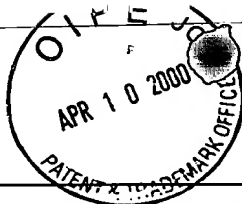
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	AI	4,530,360	07/23/85	Duarte	128	419 F
	AJ	5,556,372	09/17/96	Talish et al.	601	2
	AK	5,571,797	11/05/96	Ohno et al.	514	44
	AL	5,612,318	03/18/97	Weichselbaum et al.	514	44

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Examiner Initial		Document No.	Date	Country	Translation YES NO	
EXAMINER <i>SS/gj</i>				DATE CONSIDERED <i>7/73/21W</i>		

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**Evan C. Unger, DeKang Shen  
and Guanli Wu**U.S. Department of Commerce  
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7	AA	Chortkoff, B.S. et al., "Pharmacokinetics Do Not Explain the Absence of an Anesthetic Effect of Perfluoropropane or Perfluoropentane," <i>Anesth. Analg.</i> , <b>1994</b> , 79, 234-237
	AB	Sharma, S.K. et al., "Emulsification Methods For Perfluorochemicals," <i>Drug Develop. Indust. Pharm.</i> , <b>1988</b> , 14(15-17), 2371-2376
	AC	Tilcock, C. et al., "PEG-coated Lipid Vesicles with Encapsulated Technetium-99m as Blood Pool Agents for Nuclear Medicine," <i>Nucl. Med. Biol.</i> , <b>1994</b> , 21(2), 165-170
	AD	Tilcock, C. et al., " <sup>99m</sup> Tc-labeling of Lipid Vesicles Containing the Lipophilic Chelator PE-DTTA: Effect of Tin-to-chelate Ratio, Chelate Content and Surface Polymer on Labeling Efficiency and Biodistribution Behavior," <i>Nucl. Med. Biol.</i> , <b>1994</b> , 21(1), 89-96
7	AE	Zarif, L. et al., "Synergistic Stabilization of Perfluorocarbon-Pluronic F-68 Emulsion by Perfluoroalkylated Polyhydroxylated Surfactants," <i>JAOCS</i> , <b>1989</b> , 66(10), 1515-1523
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	Applicant <b>Evan C. Unger, DeKang Shen and Guanli Wu</b>	
	Filing Date <b>December 22, 1998</b>	Group <b>1616</b>

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7	AF	5,736,121	04/07/98	Unger	424	9.4
7	AG	5,874,062	02/23/99	Unger	424	9.4

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7	AH	WO 94/21301	09/29/94	PCT	X	
3	AI	WO 95/03835	02/09/95	PCT	X	
3	AJ	WO 95/32005	11/30/95	PCT	X	

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